United States Patent and Trademark Office

Applicant(s) Wichael J. Wookey, Trevor Watson, Jean Chouanard

Assignee:

Sun Microsystems, Inc.

Title:

REMOTE SERVICES SYSTEM BACK-CHANNEL MULTICASTING

Serial No.:

10/067,165

Filed:

February 4, 2002

Examiner:

Kenny S. Lin

Group Art Unit:

2154

Docket No.:

P7231

Customer No.:

33438

Austin, Texas June 15, 2006

United States Patent and Trademark Office Customer Service Window, Mail Stop Amendment Randolph Building 401 Dulany Street Alexandria, VA 22314

INFORMATION DISCLOSURE STATEMENT WITH FEE

Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, Applicants wish to call the following documents to the attention of the Examiner.

A PTO form 1449 listing these documents is enclosed.

Citation of the above documents shall not be construed as:

- 1. an admission that the documents are necessarily prior art with respect to the instant invention;
- 2. a representation that a search has been made, other than as described above; or
- an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

A check for \$180.00 is enclosed for the Information Disclosure Statement fee under 37 C.F.R. §1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 502264 SZEWDIE1 00000005 10067165

189.60 OP

BY FEDERAL EXPRESS TRACKING NO. 202011410000258

Stephen A. Terrile

Attorney for Applicant(s)

01 FC:1886
Respectfully submitted,

Reg. No. 32,946

U.S. Department of Commerce, Patent and Trademark Office				Attorne	Attorney Docket No.		Serial No.			
					P7231	P7231 10/067,165				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Applica	Applicant(s)				
			heets if necessary		Wooke	Wookey, et al.				
- ILIAN'S	(HAN'O A - B)					Filing Date Gro				
18 000 2	3 JUN 2 0 2005 B				Februar	y 4, 2002	2631			
Prove	February 4, 2002 2631 U.S. Patent Documents *Examiner Document Filing Date									
*Examiner		Document					Filing			
Initial	AA	Number	Date	Name	Class	Subclass	If Appro	priate		
		2001/0004595	06/2001	Dent	455	435				
	AB	2001/0034782	10/2001	Kinkade	709	219				
	AC	2001/0047386	11/2001	Domenikos et al.	709	203				
	AD	2002/0038340	03/2002	Whipple et al.	709	203				
	AE	2002/0042849	04/2002	Ho et al.	709	329				
	AF	2002/0046294	04/2002	Brodsky et al.	709	246				
	AG	2002/0059425	05/2002	Belfiore et al.	709	226				
	AH	2002/0073236	06/2002	Helgeson et al.	709	246				
	AI	2002/0087657	07/2002	Hunt	709	217				
	AJ	2002/0114305	08/2002	Oyama et al.	370	338		<u> </u>		
	AK	2002/0156871	10/2002	Munarriz et al.	709	219				
			Forei	gn Patent Documents						
							Transla	ation		
		Document	Date	Country	Class	Subclass	Yes	No		
	AL									
	AM							一一		
	AN									
	AO									
	AP	.,,		- <u> </u>						
		OTHER	ART (Including	Author, Title, Date, Perti	nent Pages, I	Etc.)				
	OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) AR G. Cugola, E. Di Nitto and A Fuggetta, "Exploiting an Event-Based Infrastructure to Develop Complex Distributed Systems" Software Engineering, 1998. Proceedings of the 1998 International Conference on Kyoto, Japan 19-25 April 1998									
	AS			Configuration Protocol" ober 1993 (retrieved 12-2		Comments www.c	is.ohio-			
	AT R. Kowalchuk, R. Hilderman and H. Hamilton "vnews: A Multicast, Multimedia News Service with Virtual Messages" Computers and Communications, 1996, Conference Proceedings of the 1996 IEEE 15th Annual International, March 1996									
Examiner			Date Conside	ered		-				
*EXAMINE	R: Initia	al if reference consid	lered, whether or	not citation is in conform	ance with M	PEP 609; Draw lii	ne through	citation		
if not in confe	ormance	and not considered	. Include copy of	this form with your com	munication t	o applicant.	_			

Sheet <u>2</u> of <u>7</u>

U.S. Departn	nent of (Commerce, Patent ar	nd Trademark Off	ñce	Attorne	Attorney Docket No.		Serial No.		
					P7231		10/067	,165		
OVA	VINFERMATION DISCLOSURE STATEMENT BY APPLICANT					Applicant(s)				
<u> </u>	-\(\frac{1}{2}\)	(Use several sl	heets if necessary))	Wooke	Wookey, et al.				
JUN 2 0	2006	m)			Filing D	Date	Group			
THE STATE OF THE S	157/	7			Februar	ry 4, 2002	2631			
TO STATE OF THE PARTY OF THE PA			U.S	S. Patent Documents						
*Examiner		Document	Dete	Name		0.1.1	Filing			
Initial	AA	Number	Date	Name	Class	Subclass	If Appro	priate		
<u> </u>	AB	2002/0156975	10/2002	Staub et al.	711	114				
	AC	2002/0174340	11/2002	Dick et al.	713	178				
	 	2002/0178262	11/2002	Bonnell et al.	709	225				
	AD	2002/0199182	12/2002	Whitehead	725	1	 			
	AE	2003/0145117	12/2003	Bhat	709	249				
	AF	2003/0237016	01/2004	Johnson et al.	714	4				
	AG	2004/0002978	01/2004	Wookey et al.	707	10				
-	AH	2002/0156975	10/2002	Staub et al.	711	114		· · · ·		
	AI	5,245,616	09/1993	Olson	714	748				
	AJ	5,432,798	07/1995	Blair	714	748				
	AK	5,528,677	06/1996	Butler et al.	379	196				
			Forei	ign Patent Documents						
							Transla	ation		
		Document	Date	Country	Class	Subclass	Yes	No		
	AL									
	AM									
	AN						$\overline{\Box}$			
	AO		-							
	AP									
		OTHER	ART (Including	Author, Title, Date, Pertin	nent Pages, J	Etc.)				
	AR	T	l., "Agent Based 7	Telematic Services and Te			unications o	of the		
	AS	Glenn, Ariel "Acco	ess Management (g/dlib/september	of Web-Based Services" l 98/millman/09millman.htm	D-Lib Magaz ml, printed 5	zine, September 15/10/2005, pp. 1-1	1998, 14			
	АТ	Hoffman, Paul "De	Hoffman, Paul "Designs on Internet Mail," Putting it Together, February/March 1998, pp. 19-23							
Examiner			Date Conside	ered						
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.										

U.S. Department of Commerce, Patent and Trademark Office						Attorney Docket No.			Serial No.		
						P7231 10/067,165					
INF	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)					Applicant(s)					
		(Use several	sheets if necessar	у)		Wooke	y, et al.				
						Filing Date			Group		
	<u>=</u> :					Februar	ry 4, 2002		2631		
			U.	S. Patent Documents			· · · · · · · · · · · · · · · · · · ·				
*Examiner		Document	T						Filing		
Initial	AA	Number	Date	Name		Class	Subclass	1 I	f Appro	priate	
	AB	5,677,918	10/1997	Tran et al.	37		32	<u> </u>			
		5,729,537	03/1998	Billström	37		329	_			
	AC	5,805,804	09/1998	Laursen et al.	39)5	200.02	—			
	AD	5,884,316	03/1999	Bernstein et al.	71	9	315	<u>↓</u>			
	AE	5,892,754	04/1999	Kompella et al.	37	70	236	<u> </u>			
	AF	5,974,417	10/1999	Bracho et al.	70)7	10				
	AG	5,987,514	11/1999	Rangarajan	70)9	224				
	AH	6,014,437	01/2000	Acker et al.	37	19	219				
	AI	6,023,698	02/2000	Lavey, Jr. et al.	70)7	10				
	AJ	6,055,364	04/2000	Speakman et al.	39)5	200.59				
	AK	6,094,688	07/2000	Mellen-Garnett et	70)9	328				
			Fore	eign Patent Documents							
									Transla	ation	
		Document	Date	Country		Class	Subclass	7	Yes	No	
	AL								$\neg \neg$		
	AM							<u> </u>	╡		
	AN				\dagger				╡┤		
	AO				+			<u> </u>			
	AP				+						
	<u>. </u>	OTHE	R ART (Including	g Author, Title, Date, Perti	inent	Pages, I	 Etc.)				
	AR		nt API Architectu	re" Sun Microsystems, In	_			evisio	n A, Se	ept.	
-	AS	"Sun Microsyster	"Sun Microsystems JavaBeans" July 24, 1997, Version I, XP2956519								
	AT	W. R. Stevens, "TCP/IP Illustrated," Addison-Wesley, Vol. 1 pp. 463-464									
Examiner		-	Date Consid	dered							
*EXAMINE	R: Initia	al if reference consi	idered, whether or	r not citation is in conform	nance	with M	PEP 609; Draw	line t	hrough	citation	
if not in conf	ormance	e and not considere	d. Include copy o	of this form with your com	ımun	ication to	o applicant.				

U.S. Department of Commerce, Patent and Trademark Office					Attorne	Attorney Docket No.		Serial No.			
					P7231	P7231 10/067,165					
					Applica	ant(s)					
	(Use several sheets if necessary)						Wookey, et al.				
						Date	Group	Group			
					Februa	ry 4, 2002	2631				
			U	S. Patent Documents							
*Examiner Initial		Document Number	Date	Name		011	Filing				
muai	AA	6,097,720	08/2000	Name	Class 370	Subclass 355	If Appro	priate			
	AB	6,098,093	08/2000	Araujo et al.							
	AC		-	Bayeh et al.	709	203					
	AD	6,131,112	10/2000	Lewis et al.	709	207					
	AE	6,141,759	10/2000	Braddy	713	201					
		6,148,337	11/2000	Estberg et al.	709	224					
	AF	6,167,431	12/2000	Gillies et al.	709	203					
	AG	6,216,173	04/2001	Jones et al.	709	302					
-	AH	6,219,700	04/2001	Chang et al.	709	222					
	AI	6,237,040	05/2001	Tada	709	246					
	AJ	6,243,451	06/2001	Shah et al.	379	201					
	AK	6,332,163	12/2001	Bowman-Amuah	709	231					
			For	eign Patent Documents							
							Transla	ation			
		Document	Date	Country	Class	Subclass	Yes	No			
	AL										
	AM										
	AN										
	AO										
	AP				1						
	1-	OTHE	ER ART (Including	g Author, Title, Date, Perti	inent Pages,	Etc.)		L			
	AR			with TCP/IP Client-Server			ons," Vol. 3,	p. 282			
					_			•			
<u> </u>	AS	http://dictionary.	<u>reference.co</u> m/sea	rch?q=segmented, printed	 I 4/4/06			-			
				•							
	AT				-						
Examiner	<u></u>		Date Consid	dered							
*EXAMINEI	 R: Initia	al if reference cons	sidered, whether or	r not citation is in conform	nance with N		line through	citation			
if not in confe	ormance	and not considere	ed. Include copy of	of this form with your com	munication	to applicant.	5				

U.S. Department of Commerce, Patent and Trademark Office					Attorn	Attorney Docket No.		Serial No.		
					P7231	P7231 10/067,165				
						Applicant(s)				
		(Use several	Wooke	Wookey, et al.						
			Filing	Filing Date		-				
		-	Februa	ry 4, 2002	2631					
	U.S. Patent Documents									
*Examiner		Document	5.				Filing			
Initial	AA	Number	Date	Name	Class	Subclass	If Appro	priate		
	AB	6,335,927	01/2002	Elliott et al.	370	352				
	AC	6,338,088	01/2002	Waters et al.	709	226	<u> </u>			
		6,347,374	02/2002	Drake et al.	713	200	_			
	AD	6,349,340	02/2002	Dyer et al.	709	231		_		
	AE	6,353,854	03/2002	Cromer et al.	709	224				
	AF	6,442,571	08/2002	Haff et al.	707	201				
	AG	6,466,976	10/2002	Alles et al.	709	224				
•	AH	6,466,981	10/2002	Levy	709	227				
	AI	6,473,794	10/2002	Guheen et al.	709	223				
	AJ	6,523,035	02/2003	Fleming et al.	707	10				
	AK	6,553,129	04/2003	Rhoads	382	100				
			For	eign Patent Documents						
							Transl	ation		
		Document	Date	Country	Class	Subclass	Yes	No		
	AL									
	AM									
	AN				Ì					
	AO									
	AP		-							
		OTHE	ER ART (Including	g Author, Title, Date, Perti	nent Pages,	Etc.)		<u> </u>		
	AR		· · · · ·			·	_			
	AS									
	AT				 -					
Examiner			Date Consid	dered		- · · · · · · · · · · · · · · · · · · ·				
	R: Initis	al if reference cons		r not citation is in conform	ance with N	(PFP 600: Draw	line through	citation		
if not in confe	ormance	and not considere	ed. Include copy of	of this form with your com	munication	to applicant.	inic unough	Citation		

Sheet 6 of 7

							0111	<u> </u>			
U.S. Department of Commerce, Patent and Trademark Office					Attorne	Attorney Docket No.		Serial No.			
			P7231	P7231 10/067,165							
INF							Applicant(s)				
		(Use several s	heets if necessary)	Wooke	Wookey, et al.					
			Filing I	Filing Date		Group					
	February 4, 2002										
			U.S	S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing				
Illitiai	AA	6,615,258	09/2003	Barry et al.	709	223	If Appro	priate			
	AB	6,621,801	09/2003	Wright et al.	370	319		_			
	AC										
	AD	6,633,898	10/2003	Seguchi et al.	709	201					
	AE	6,640,244	10/2003	Bowman-Amuah	709	207					
	AF	6,665,754	12/2003	Mann	710	52					
		6,687,735	02/2004	Logston et al.	709	203					
	AG	6,691,165	02/2004	Bruck et al.	709	227					
	AH	6,691,302	02/2004	Skrzynski et al.	717	118					
•	AI	6,711,611	03/04	Hanhan	709	218					
	AJ	6,760,861	07/2004	Fukuhara et al.	709	203					
	AK	6,765,864	07/2004	Natarajan et al.	370	224					
			Forei	ign Patent Documents							
	,	Ţ	<u>. </u>				Transla	ation			
		Document	Date	Country	Class	Subclass	Yes	No			
	AL										
	AM										
	AN		_								
	AO										
	AP										
		OTHER	ART (Including	Author, Title, Date, Pertin	nent Pages, l	Etc.)					
	AR		·			, ,,	-				
	AS										
	AT				<u> </u>						
Examiner	•		Date Conside	ered							
*EXAMINE	R: Initia	al if reference consid	dered, whether or	not citation is in conforma	ance with M	PEP 609; Draw I	ine through	citation			
if not in conf	ormance	e and not considered	 Include copy of 	this form with your com	munication t	o applicant.					

U.S. Department of Commerce, Patent and Trademark Office					Attorne	Attorney Docket No.		Serial No.	
					P7231	P7231 10/067,165			
					Applica	ant(s)			
	(Use several sheets if necessary)								
					Filing J	Filing Date			
	T I						2631		
			U.	S. Patent Documents					
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing I		
	AA	6,779,030	08/2004	Dugan et al.	709	223	ii i ipp.	priace	
	AB	6,781,999	08/2004	Eyuboglu et al.	370	399			
	AC	6,785,728	08/2004	Schneider et al.	709	229			
	AD	6,792,461	09/2004	Hericourt	709	225			
	AE	6,816,882	11/2004	Conner et al.	709	203		-	
	AF	6,822,961	11/2004	Constantinof et al.	370	395.2			
	AG	6,850,893	02/2005	Lipkin et al.	705	8			
	AH	6,856,676	02/2005	Pirot et al.	379	201.01			
	ΑI	6,868,441	03/2005	Greene et al.	709	220			
•	AJ	6,895,586	05/2005	Brasher et al.	719	313			
	AK								
			Fore	eign Patent Documents					
							Transla	ation	
		Document	Date	Country	Class	Subclass	Yes	No	
	AL								
	AM								
	AN								
	AO								
	AP								
		ОТНЕ	R ART (Including	g Author, Title, Date, Perti	nent Pages,	Etc.)			
	AR	-							
	AS								
	AT								
Examiner		L	Date Consid	dered					
*EXAMINE	R: Initia	al if reference considere	idered, whether or	r not citation is in conform of this form with your com	nance with M	IPEP 609; Draw	line through	citation	